AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application.

1. (Canceled).

2. (Currently amended) The method as claimed in claim 30 ~~claim 1~~, comprising: filtering the command information for the rotation and/or translation components corresponding to micro-movements.

3-6. (Canceled).

7. (Currently amended) The method as claimed in claim 30 ~~claim 3~~, wherein a comparison is used on the combined components to identify components that are negligible or small relative to the other components and as a result of the comparison the component(s) thus identified are replaced by a zero component.

8. (Currently amended) The method as claimed in claim 30 ~~claim 5~~, wherein a comparison is used on the combined components to identify components that are negligible or small relative to the other components and as a result of the comparison the component(s) thus identified are replaced by a zero component.

9. (Original) The method as claimed in claim 7, wherein a combined component is replaced by a zero component when the component is less than a given ratio of at least one other component.

10. (Original) The method as claimed in claim 8, wherein a combined component is replaced by a zero component when the component is less than a given ratio of at least one other component.

11. (Original) The method as claimed in claim 9, wherein a combined component is replaced by a zero component when the component is less than half of at least one other component.

12. (Currently amended) The method as claimed in claim 30 ~~claim 8~~, wherein a combined component is replaced by a zero component when the component is less than half of at least one other component.

13. (Original) The method as claimed in claim 2, wherein in the second operating mode, after filtering of the micro-movements, whether the zoom component is zero or not is detected and when the zoom component is not zero, the other components are replaced by zero components.

14-18. (Canceled).

19-29. (Previously canceled).

30. (New) A method of manipulating a 3D image using a peripheral device connected to a display monitor and processor, said peripheral device including a gripping device, comprising the steps of:

displaying a 3D image on said display monitor,

detecting forces and/or displacements, upon said gripping device by the user, wherein said gripping device including forming sensors, said forming sensors detecting movement in six degrees of freedom, said six degrees of freedom including a first operating mode of x, y and z parameters forming translation components for translating or zooming the 3D image and a second operating mode of A, B and C parameters forming rotation components for rotating the 3D image,

generating command information from said gripping device of said peripheral device to said processor based upon said forces and/or displacements, and thus

manipulating the 3D images using only one of either of said first operating mode or said second operating mode,

wherein at least one rotation component and at least one translation component are combined and the combined component(s) thus obtained is (are) utilized as rotation component(s) in said first operating mode and as translation component(s) in said second operating mode, and further wherein at least one combination of components is a linear combination.